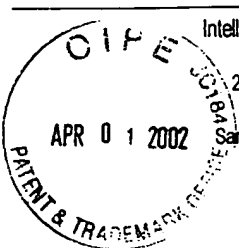


Louis J. Knobbe*
Don W. Martens*
Gordon H. Olson*
James B. Bear
Darrell L. Olson*
William B. Bunker
William H. Nieman
Arthur S. Rose
James F. Lesniak
Ned A. Israelsen
Drew S. Hamilton
Jerry T. Sewell
John B. Sganga, Jr.
Edward A. Schlatter
Gerard von Hoffmann
Joseph R. Re
Catherine J. Holland
John M. Carson
Karen Vogel Weil
Andrew H. Simpson
Jeffrey L. Van Hoosear
Daniel E. Altman
Marguerite L. Gunn
Stephen C. Jensen
Vito A. Canuso III
William H. Shreve
Lynda J. Zadra-Symest
Steven J. Nataupsky
Paul A. Stewart
Joseph F. Jennings
Craig S. Summers
AnneMarie Kaiser
Brenton R. Babcock
Thomas F. Smegal, Jr.
Michael H. Trenholm
Diane M. Reed
Ronald J. Schoenbaum
John R. King
Frederick S. Berretta
Nancy W. Vansko
John P. Giezantanner
Adeel S. Akhtar
Ginger R. Dreger
Thomas R. Arno
David N. Weiss
Daniel Hart, Ph.D.
Douglas G. Muehlhauser
Lori Lee Yamato
Michael K. Friedland

Dale C. Hunt, Ph.D.
Richard E. Campbell
Paul D. Tripodi II
Stacey R. Halpern
Lee W. Henderson, Ph.D.
Mark M. Abumeri
Jon W. Gurka
John W. Holcomb
Joseph M. Reisman, Ph.D.
Michael L. Fuller
Deborah S. Shepherd
Eric M. Nelson
Mark R. Benedict, Ph.D.
Paul N. Conover
Robert J. Roby
Sabing H. Lee
Karoline A. Delaney
James J. Mullen III, Ph.D.
Joseph S. Cianfrani
William R. Zimmerman
Glen L. Nuttall
Eric S. Furman, Ph.D.
Tirzah Abé Lowe
Alexander Franco
Sanjivpal S. Gill
Susan Moss Natland
James W. Hill, M.D.
Rose M. Thiessen, Ph.D.
Michael A. Guillana
Mark J. Kertz
Rabinder N. Narula
Bruce S. Itchkawitz, Ph.D.
Peter M. Midgley
Thomas S. McClenahan
Michael S. Okamoto
John M. Grover
Mallory K. De Merlier
Irfan A. Lateef
Amy C. Christensen
Sharon S. Ng
Mark J. Gallagher, Ph.D.
David G. Jankowski, Ph.D.
Brian C. Horne
Payson J. LeMelleur
Diana W. Prince
William C. Bolling
Sheila N. Swaroop
Ben A. Katzenellenbogen
Linda H. Liu

Knobbe Martens Olson & Bear LLP

Intellectual Property Law
201 California Street
Suite 1150
San Francisco CA 94111
Tel 415-954-4114
Fax 415-954-4111
knob.com



**COPY OF PAPERS
ORIGINALLY FILED**

**COPY
Do Not Record**

ORIGINAL WILL FOLLOW VIA:

- ☐ MAIL
- ☐ COURIER
- ☒ WILL NOT FOLLOW
- ☐ HAND DELIVERY

Facsimile Transmittal Sheet

Confidentiality Notice:

The documents accompanying this facsimile transmission contain confidential information which may be legally privileged. The information is intended only for the use of the recipient named below. If you have received this facsimile in error, please immediately notify us by telephone to arrange for return of the original documents to us; and any disclosure, copying, distribution or the taking of any action in reliance on the contents of this faxed information is strictly prohibited.

TO: Commissioner for Patents
FIRM: U.S. Patent and Trademark Office
FACSIMILE NO.: (703) 872-9318
FROM: Adeel S. Akhtar, Reg. No. 41,394
OUR REFERENCE NO.: MICRON.061DV1
SERIAL NO.: 09/397,952
ART UNIT: 2814
FILING DATE: September 17, 1999
TOTAL NUMBER OF PAGES: 5 (INCLUDING COVER SHEET)
DATE: January 8, 2002
IF YOU DID NOT RECEIVE ALL OF THE PAGES, PLEASE CALL BACK IMMEDIATELY.

Operator Phone Number: (415) 954-4114
Direct Line to Facsimile Machine: (415) 954-4111

Message: Please see Amendment.

W:\DOCS\ASAFAX\PTO.DOC 112701

620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
Tel 949-760-0404
Fax 949-760-9502

350 West C Street
Suite 1200
San Diego CA 92101
Tel 619-235-8550
Fax 619-235-0176

1900 Avenue of the Stars
Suite 1425
Los Angeles CA 90067
Tel 310-551-3450
Fax 310-551-3458

3403 Tenth Street
Suite 700
Riverside CA 92501
Tel 909-781-9231
Fax 909-781-4507

Vincent M. Pollmeier
Jeffrey S. Ellsworth
Andrew N. Merickel, Ph.D.
Douglas T. Hudson
David L. Hauser
Kaare D. Larson
James F. Herkenhoff
Scott L. Murray
Roger S. Shang
Andrew M. Douglas
Marc T. Morley
Salima A. Merani, Ph.D.
Sam K. Tahmassebi, Ph.D.
Christy L. Green
Jalal Sadr
Jonathan A. Hyman
Curtiss C. Dosier
Richard A. DeCristofaro
Donna O. Perdue, Ph.D.
Joseph J. Mallon, Ph.D.
Joanne L. Dufek
Thomas P. Krzeminski
Jeffrey A. Birchak
Sean M. Murray
Jason P. Fiorillo
Elenore Niu
Valerie L. Bracken
Samuel K. Simpson
Johnfar F. Kerlee
Jeremy P. Sanders
Perry D. Oldham
Russell M. Jelde
Abraham W. Chuang
Ryan N. Farr
Pui Tong Ho
Erik T. Anderson
John L. Paik
Eric K. Morton
Jesse A. Rothwell
Marc C. Baumgartner
Ray B. Hom
Danielle Klausner
Kyle F. Schlueter
Raphael A. Gutierrez
Demian K. Jackson
Nathan A. Engels

Of Counsel
Jerry R. Seiler
Paul C. Steinhart
Japanese Patent Atty
Katsuhiro Arai
Tomohisa Sugiyama
European Patent Atty
Martin Hellebrandt
Korean Patent Atty
Mincheol Kim
Heungsoo Choi

Solicitor (England & Wales)
J. David Evered

Scientists & Engineers
(Non-Lawyers)

Raimond J. Salenicks**
Khurram Rahman, Ph.D.
Jennifer A. Haynes, Ph.D.**
Tommy Y. Nagata
Che S. Chereskin, Ph.D.**
James W. Ausley**
Jennifer Hayes
Kirk E. Pastorian, Ph.D.**
Charles T. Ridgely
Bonny Yeung, Ph.D.
Connie C. Tong, Ph.D.
Suzanne G. Jepson, Ph.D.
David K. Wiggins
Megan M. McCoy
Nira M. Brand
Catherine M. Sanders
Jeffrey A. Hopkins
Tiffany C. Miller
James W. Chang, Ph.D.
Marina L. Gordey, Ph.D.
Edward DesJardins, Ph.D.
W. Frank Dauerer
Lang J. McHardy
Karen J. Lenker

* A Professional Corporation
† Also Barrister At Law (Eng & Wales)
** U.S. Patent Agent

CERTIFICATE OF FAX TRANSMISSION

I hereby certify that this correspondence and all marked attachments are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

January 8, 2002

Adeel S. Akhtar
Adeel S. Akhtar, Reg. No. 41,394

RECEIVED
APR 11 2002
TELETYPE CENTER 2800



CO OF PAPERS
ORIGINALLY FILED

PATENT

COPY
Do Not Rec rd

Case Docket No. MICRON.061DV1

Date: January 8, 2002

Page 1

In re application of : Ahmad
App. No. : 09/397,952
Filed : September 17, 1999
For : FABRICATION OF
INTEGRATED DEVICES
USING NITROGEN
IMPLANTATION
Examiner : S. Rao
Art Unit : 2814

CERTIFICATE OF FAX TRANSMISSION

I hereby certify that this correspondence and marked attachments are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

January 8, 2002

(Date)

Adeel S. Akhtar

Adeel S. Akhtar, Reg. No. 41,394

RECEIVED
APR 11 2002
TECHNOLOGY CENTER 2800

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS FILED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	19	—	21	= 0 ×	\$18	= \$0
Independent Claims	4	—	4	= 0 ×	\$84	= \$0
If application has been amended to contain multiple dependent claim(s), then add					\$280	= \$0
Time Extension Fee						\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$0

(X) Copy of Filing Receipt

(X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Adeel S. Akhtar

Adeel S. Akhtar
Registration No. 41,394
Attorney of Record



COPY OF PAPERS
ORIGINALLY FILED

2214
PATENT

Case Docket No. MICRON.061DV1
Date: March 26, 2002

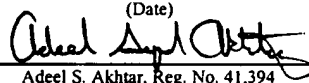
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ahmad
Appl. No. : 09/397,952
Filed : September 17, 1999
For : FABRICATION OF
INTEGRATED DEVICES
USING NITROGEN
IMPLANTATION
Examiner : S. Rao
Group Art Unit : 2814

) I hereby certify that this correspondence and all marked
) attachments are being deposited with the United States
) Postal Service as first class mail in an envelope
) addressed to: United States Patent and Trademark
) Office, P.O. Box 2327, Arlington, VA 22202, on

March 26, 2002

(Date)


Adeel S. Akhtar, Reg. No. 41,394

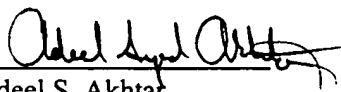
TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

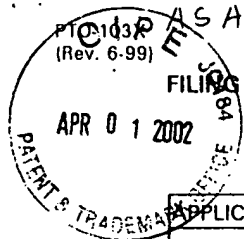
Enclosed for filing in the above-identified application are:

- (X) Re-Transmittal of Response to Office Action in 2 pages.
- (X) Copy of documents filed on January 8, 2002 in 5 pages.
- (X) Copy of Web page showing facsimile number to employ in 2 pages.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Adeel S. Akhtar
Registration No. 41,394
Attorney of Record

RECEIVED
APR 11 2002
TECHNOLOGY CENTER 2800

MICRON.061DV1



FILING RECEIPT

COPY
Do Not Record



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/397,952	09/17/99	2814	\$856.00	MICRON.061DV	2	21	4

020995
KNOBBE MARTENS OLSON & BEAR LLP
620 NEWPORT CENTER DRIVE
SIXTEENTH FLOOR
NEWPORT BEACH CA 92660

**COPY OF PAPERS
ORIGINALLY FILED**

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) AFTAB AHMAD, BOISE, ID.

CONTINUING DATA AS CLAIMED BY APPLICANT-
THIS APPLN IS A DIV OF 08/871,210 06/09/97

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 10/07/99
TITLE
FABRICATION OF INTEGRATED DEVICES USING NITROGEN IMPLANTATION
PRELIMINARY CLASS: 257

RECEIVED
APR 11 2002
TECHNOLOGY CENTER 2800

NO DATES DOCKETED
ATTY RESPONSIBLE

DATA ENTRY BY: MOLLISH, CHRISTINE TEAM: 03 DATE: 10/07/99



(See reverse for new important information)

UNITED STATES PATENT AND TRADEMARK OFFICE

[Home](#)[Index](#)[Search](#)[System
Alerts](#)[eBusiness
Center](#)[News &
Notices](#)[Contact Us](#)

Patent Customers Advised to FAX Communications to USPTO

[Related Notices](#) < Patent Customers Advised to FAX

To our Patent Customers:

In view of delays in mail delivery in recent days, we at the USPTO would like to encourage you to communicate with the USPTO via facsimile. **Facsimile transmissions may be used for correspondence as set forth in 37 CFR 1.6 such as: amendments, petitions for extension of time, authorization to charge a deposit account, an IDS, terminal disclaimers, a notice of appeal, an appeal brief, CPAs under 37 CFR 1.53(d), and RCEs.**

PTO Form 2038 should be used when authorizing payment by credit card; this form is maintained separate from the file to ensure confidentiality.

The USPTO has recently installed server software that enables us to automatically receive facsimile transmissions and route them to the appropriate groups. No special equipment is needed by our customers to use this system other than a regular facsimile machine. Each Technology Center has its own facsimile numbers associated with our server for Official replies to non-final Office actions and for Official replies to final Office actions. In addition, each Technology Center has a Customer Service Center on our server system and can answer any general application status questions you might have, can provide Examiner information and answer paper queries

The following is a list of all Official Facsimile Numbers for the Technology Centers:

TC1600: Before Final: 703-872-9306 After Final: 703-872-9307 Customer Service: 703-872-9305	TC2800: Before Final: 703-872-9318 After Final: 703-872-9319 Customer Service: 703-872-9317
TC1700: Before Final: 703-872-9310 After Final: 703-872-9311 Customer Service: 703-872-9309	TC2900: Before Final: 703-872-9322 After Final: 703-872-9323 Customer Service: 703-872-9321
TC2100: Before Final: 703-746-7239 After Final: 703-746-7238 Customer Service: 703-746-7240	TC3600: Before Final: 703-872-9326 After Final: 703-872-9327 Customer Service: 703-872-9325
TC2600: Before Final: 703-872-9314 After Final: 703-872-9315 Customer Service: 703-872-9313	TC3700: Before Final: 703-872-9302 After Final: 703-872-9303 Customer Service: 703-872-9301

By using the Official Before Final and After Final numbers, our server system will automatically generate a return receipt that will include the number of pages received as well as the date and time the facsimile was received. Additionally, the return receipt will include an image of the received

cover page. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (see 37 CFR 1.6 and 1.8). Applicants are also advised to retain the return receipt in the event that the Office has no record of the facsimile submission, whether the facsimile submission is a reply to an Office action (37 CFR 1.8(b)), or a continued prosecution application under 37 CFR 1.53(d)) (37 CFR 1.6(f)).

However, the Office currently does not permit new application filings (other than a CPA under 37 CFR 1.53(d)), requests for reexamination, drawings, and certain correspondence set forth in 37 CFR 1.6(d) by facsimile. Applicants, however, are encouraged to file certain applications via the Patent Electronic Filing System. Please refer to our Web Site, at <http://www.uspto.gov/ebs/efs/index.html> for information regarding our Electronic Filing System and how to use it.

In addition to these methods of communication, the Office is currently reviewing other electronic communication means and will update this site with information as these options are implemented.

DATE: 11/02/2001

Original Signed /s/
Nicholas P. Godici
Acting Under Secretary of Commerce for
Intellectual Property and
Acting Director of the United States Patent and
Trademark Office

[HOME](#) | [INDEX](#) | [SEARCH](#) | [SYSTEM STATUS](#) | [BUSINESS CENTER](#) | [NEWS&NOTICES](#) |
[CONTACT US](#) | [PRIVACY STATEMENT](#)

Last Modified: 11/08/2001 05:58:25

MICRON.061DVA

**COPY OF PAPERS
ORIGINALLY FILED**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ahmad

Appl. No. : 09/397,952

Filed : September 17, 1999

**For : FABRICATION OF INTEGRATED
DEVICES USING NITROGEN
IMPLANTATION**

Examiner : S. Rao

Group Art Unit 2814

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

March 26, 2002

(Date _____)

Adeel S. Akhtar, Reg. No. 41,394

RETRANSMITTAL OF RESPONSE TO OFFICE ACTION

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

In response to a phone call received from the Examiner today, March 22, 2002, in the above-referenced case, Applicant is retransmitting a photocopy of papers filed by facsimile on January 8, 2002, as indicated by the facsimile transmission stamps on the attached papers. The papers were sent by facsimile on January 8, 2002 to facsimile number 703-872-9318, for Technology Center 2800. A copy of the web page from the U.S.P.T.O. website, listing this facsimile number before final transmissions is enclosed as well. The filed papers include facsimile transmission stamps, certifying facsimile transmission on January 8, 2002.

In view of the proof of filing in the form of a Certificate of Facsimile Transmission, signed on the attached copies of the papers, Applicant respectfully requests the response date of January 8, 2002, be accorded, such that no extension fees should be assessed. In the alternative, should the proof be found insufficient, Applicant requests according the filing date indicated on the above Certificate of First Class Mailing, in which case the account for the customer number on the accompanying Transmittal Letter can be changed for any extension fees due.

Appl. No. : 00897,952
Filed : September 17, 1999

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 26, 2002

By: Adeel S. Akhtar

Adeel S. Akhtar
Registration No. 41,394
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(415) 954-4114

W:\DOCS\ASA\ASA-11706.DOC:cc
032202

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

201 California Street Suite 1150
San Francisco CA 94111

ASA

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

MICRON.061DV1

22202+0327 07

